



LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		ATTY DOCKET NO.	APPLICATION NO
		064528-5003-US	10/617,569
		APPLICANT	
		Robin Robinson et al.	
FILING DATE		GROUP	
July 11, 2003		1648	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VA	A01	6,649,372	11/18/03	Palese et al.	435	69.1	
MR	A02	2003/0035814	2/20/03	Kawaoka et al.	424	208.1	
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FOREIGN PATENT DOCUMENTS

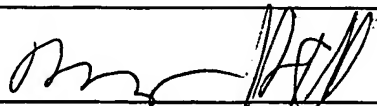
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MR	B01	WO 96/37624	11/28/96	WIPO (in English)				
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	B05							

EXAMINER 	DATE CONSIDERED 2/1/06
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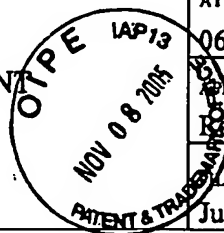
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
W	C01	Ali, Ayub et al., "Influenza Virus Assembly: Effect of Influenza Virus Glycoproteins on the Membrane Association of M1 Protein", <u>Journal of Virology</u> , September 2000, Vol. 74, No. 18, pp. 8709-8719	
	C02	Bullido, Rosario et al., "Several Protein Regions Contribute to Determine the Nuclear and Cytoplasmic Localization of the Influenza A Virus Nucleoprotein", <u>Journal of General Virology</u> , 2000, 81, pp. 135-142	
	C03	Castrucci, Maria R. et al., "Reverse Genetics System for Generation of an Influenza A Virus Mutant Containing a Deletion of the Carboxyl-Terminal Residue of M2 Protein", <u>Journal of Virology</u> , May 1995, Vol. 69, No. 5, pp. 2725-2728	
	C04	Elster, Christine et al., "Influenza Virus M1 Protein Binds to RNA Through Its Nuclear Localization Signal", <u>Journal of General Virology</u> , 1997, 78, pp. 1589-1956	
	C05	Fodor, Ervin et al., "Rescue of Influenza A Virus from Recombinant DNA", <u>Journal of Virology</u> , Nov. 1999, Vol. 73, No. 11, pp. 9679-9682	
	C06	Gómez-Puertas, Paulino et al., "Efficient Formation of Influenza Virus-Like Particles: Dependence on the Expression Levels of Viral Proteins", <u>Journal of General Virology</u> , 1999, 80, pp. 1635-1645	
	C07	Gómez-Puertas, Paulino et al., "Influenza Virus Matrix Protein is the Major Driving Force in Virus Budding", <u>Journal of Virology</u> , Dec. 2000, Vol. 74, No. 24, pp. 11538-11547	
	C08	Hoffmann, Erich et al., "A DNA Transfection System for Generation of Influenza A Virus from Eight Plasmids", <u>PNAS</u> , May 23, 2000, Vol. 97, No. 11, pp. 6108-6113	
	C09	Kuroda, Kazumichi et al., "Expression of the Influenza virus Haemagglutinin in Insect Cells by a Baculovirus Vector", <u>The EMBO Journal</u> , 1986, Vol. 5, No. 6, pp. 1359-1365	
	C10	Li, Shengqiang et al., "Chimeric Influenza Virus Induces Neutralizing Antibodies and Cytotoxic T Cells Against Human Immunodeficiency Virus Type 1", <u>Journal of Virology</u> , November 1993, Vol. 67, No. 11, pp. 6659-6666	
	C11	Lyles, Douglas S. et al. "Subunit Interactions of Vesicular Stomatitis Virus Envelope Glycoprotein Stabilized by Binding to Viral Matrix Protein", <u>Journal of Virology</u> , January 1992, Vol. 66, No. 1, pp. 349-358	
	C12	Mena, Ignacio et al., "Rescue of a Synthetic Chloramphenicol Acetyltransferase RNA into Influenza Virus-Like Particles Obtained from Recombinant Plasmids", <u>Journal of Virology</u> , August 1996, Vol. 70, No. 8, pp. 5016-5024	
	C13	Neumann, Gabriele et al., "Generation of Influenza A Viruses Entirely from Cloned cDNAs", <u>Proc. Natl. Acad. Sci. USA</u> , August 1999, Vol. 96, pp. 935-9350	
	C14	Pattnaik, Asit K. et al., "formation of Influenza Virus particles Lacking Hemagglutinin on the Viral Envelope", <u>Journal of Virology</u> , December 1986, Vol. 60, No. 3, pp. 994-1001	
	C15	Pleschka, Stephan et al., "A Plasmid-Based Reverse Genetics System for Influenza A Virus", <u>Journal of Virology</u> , June 1996, Vol. 70, No. 6, pp. 4188-4192	
	C16	St. Angelo, Carol et al., "Two of the Three Influenza Viral Polymerase Proteins Expressed by Using Baculovirus Vectors Form a Complex in Insect Cells", <u>Journal of Virology</u> , February 1987, Vol. 61, No. 2, pp. 361-365	

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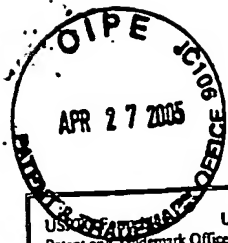
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	APPLICANT Robin Robinson et al.	
	FILING DATE July 11, 2003	GROUP 1648


OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

C17	Tobita, Kiyotake et al., "Spontaneous Excretion of Virus from MDCK Cells Persistently Infected with Influenza Virus A/PR/8/34", <u>Journal of General Virology</u> , 1997, 78, pp. 563-566
C18	Yasuda, Jiro et al., "Growth Control of Influenza A Virus by M1 Protein: Analysis of Transfectant Viruses Carrying the Chimeric M Gene", <u>Journal of Virology</u> , Dec. 1994, Vol. 68, No. 12, pp. 8141-8146
C19	Ye, Zhiping et al., "Nucleus-Targeting Domain of the Matrix Protein (M ₁) of Influenza Virus", <u>Journal of Virology</u> , March 1995, Vol. 69, No. 3, pp. 1964-1970
C20	Zhao, Hongxing et al., "The M1 and NP Proteins of Influenza A Virus Form Homo- but not Heterooligomeric Complexes when Coexpressed in BHK-21 Cells", <u>Journal of General Virology</u> , 1998, 79, pp. 2435-2446
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U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.

19065/2022

Serial No.

10/617,569

INFORMATION DISCLOSURE STATEMENT

Applicant(s): Robin A. Robinson, et al.

Filing Date: July 11, 2003

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U.S. PATENT DOCUMENTS

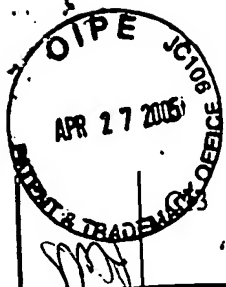
Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Publication Date	Country	Class	Subclass	Translation	
						YES	NO
W	B1	WO 02/00885 A2	01/03/2002	PCT			X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

W	C1	R.A. Crowther, et al., Three-Dimensional Structure of Hepatitis B. Virus Core Particles Determined by Electron Cryomicroscopy, Cell., Vol. 77, pp. 943-950, June 17, 1994					
	C2	Brian R. Murphy and Robert G. Webster, Orthomyxoviruses, Fields Virology, Third Edition, Vol. 1, pp. 1397-1445, 1996					
	C3	Xianzehng Zhou, et al., Generation of Cytotoxic and Humoral Immune Responses by Non-replicative Recombinant Semlike Forest Virus, Proc. Natl. Acad. Sci. USA, Vol. 92, pp. 3009-3013, March, 1995					
	C4	John J. Treanor, et al, Evaluation of a Recombinant Hemagglutinin Expressed in Insect Cells as an Influenza Vaccine in Young an Elderly Adults, The Journal of Infectious Diseases, Vol. 173, pp. 1467-1470, 1996					
	C5	Lakey, et al., Recombinant Baculovirus Influenza A Hemagglutinin Vaccines are Well Tolerated and Immunogenic in Healthy Adults, Concisc Communications JID 1996; 174 (October) pp. 838-841					
	C6	Bert E. Johansson, Immunization with Influenza A Virus Hemagglutinin and Neuraminidase Produced in Recobinant Baculovirus Results in a Balanced and Broadened Immune Response Superior to Conventional Vaccine, Vaccine 17, pp. 2073-2080 (1999)					
	C7	Peter Pushko, et al., Replicon-Helper Systems from Attenuated Venezuelan Equine Encephalitis Virus: Expression of Heterologous Genes <i>in Vitro</i> and Immunization Against Heterologous Pathogens <i>in Vivo</i> , Virology, Vol. 239, pp. 389-401 (1997)					
	C8	Jeffrey B. Ulmer, et al, Heterologous Protection Against Influenza by Injection of DNA Encoding a Viral Protein, Science, Vol. 259, 19 March 1993, pp. 1745-1749					
	C9	Peter Berglund, et al., Immunization with Recombinant Semlike Forest Virus Induces Protection Against Influenza Challenge in Mice, Vaccine 17 (1999) pp. 497-507					
	C10	John C. Cox and Aan R. Coulter, Adjuvants - A Classification and Review of Their Modes of Action, Vaccine, Vol. 15, No. 3, pp. 248-256, 1997					
	C11	John Crawford, et al., Baculovirus-Derived Hemagglutinin Vaccines Protect Against Lethal Influenza Infections by Avian H5 and H7 Subtypes, Vaccine 17 (1999), pp. 2265-2274					
	C12	Theresa Latham and Jose M. Galarza, Formation of Wild-Type and Chimeric Influenza Virus-Like Particles Following Simultaneous Expression of Only Four Structural Proteins, Journal of Virology, July 2001, pp. 6154-6165					



Tsuji, et al, Recombinant Sindbis Viruses Expressing a Cytotoxic T-Lymphocyte Epitope of a Malaria Parasite or of Influenza Virus Elicit Protection Against the Corresponding Pathogen in Mice, Journal of Virology, Aug. 1998, pp. 6907-6910

C14 Gabriele Neumann, et al., Plasmid-Driven Formation of Influenza Virus-Like Particles, Journal of Virology, Jan. 2000, pp. 547-551

C15 J.S.M. Peiris, et al., Co-circulation of Avian H-N2 and Contemporary "Human" H3N2 Influenza A Viruses in Pigs in Southeastern China: Potential for Genetic Reassortment?, Journal of Virology, Oct. 2001, pp. 9679-9686

C16 Jeffrey B. Ulmer, et al., Protective D4⁺ and CD8⁺ T Cells against Influenza Virus Induced by Vaccination with Nucleoprotein DNA, Journal of Virology, July 1998, pp. 5648-5653

C17 Tokiko Watanabe, et al., Immunogenicity and Protective Efficacy of Replication-Incompetent Influenza Virus-Like Particles, Journal of Virology, Jan. 2002, pp. 767-773

C18 Christopher W. Olsen, et al., Immunogenicity and Efficacy of Baculovirus-Expressed and DNA-Based Equine Influenza Virus Hemagglutinin Vaccines in Mice, Vaccine, Vol. 15, NO. 10., pp. 1149-1156, 1997

C19 Vladimir A. Slepishkin, et al, Protection of Mice Against Influenza A Virus Challenge by Vaccination With Baculovirus-Expressed M2 Protein, Vaccine, Vol. 13, No. 15, pp. 1399-1402, 1995

C20 Paul Pumpens and Elmars Grens, Artificial Genes for Chimeric Virus-Like Particles, Artificial DNA (Khudyakov, Y.E., and Fields, H.A., Eds.) pp. 249-327. CRC Press, New York (2003)

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2/1/06

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**Copies of references not provided at the time of this submission.